Abstract of the Disclosure

A cassette for use in freezing a liquid contained in a plurality of liquid receptacles comprises a bottom plate for supporting a number of the liquid receptacles in a layer, a number of intermediate plates having essentially the same dimensions as the bottom plate for placing on a layer of the liquid receptacles and supporting a further layer of liquid receptacles, and two opposite side walls being rigidly connected to the bottom plate for constituting a U-form therewith, so that each intermediate plate when placed on a layer of the liquid receptacles will be fixed laterally in relation to the side walls. A freezer for freezing of a liquid contained in a plurality of liquid receptacles comprises a freezing tunnel, the cassette, and a cassette holder having a stand, for supporting the cassette and a number of the intermediate plates separated form the cassette, the cassette holder being mobile for movement from a station for loading of the cassette with the liquid receptacles and the intermediate plates to the freezing tunnel for inserting the loaded cassette therein.